



SHEET 1 OF 6

FORM PTO - 1449				ATTY DOCKET NO.: <u>HAR-001DV</u>					
INFORMATION DISCLOSURE STATEMENT				APPLICANT: <u>Strominger, et al.</u>					
				SERIAL NO.: <u>08/991,628</u>					
				FILING DATE: <u>November 5, 1997</u> GROUP: <u>1642</u>					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>TC</i>	AA	5,130,297	07/04/92	Sharma, et al.					
<i>TC</i>	AB	5,194,425	03/16/93	Sharma, et al.					
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
<i>TC</i>	BA	WO 95/12313	05/11/95	PCT					
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
<i>TC</i>	CA	Gregersen, P.K. et al., "The Shared Epitope Hypothesis: An approach to Understanding The Molecular Genetics of Susceptibility to Rheumatoid Arthritis", <u>Arthritis Rheum.</u> , 30:1205-1213 (1987).							
	CB	Oldstone, M.B.A., "Molecular Mimicry and Autoimmune Disease", <u>Cell</u> , 50:819-820 (1987).							
	CC	Scharf, S. et al., "Sequence Analysis of the HLA-D α and HLA-DQ β Loci from Three Pemphigus <i>Vulgaris</i> Patients", <u>Human Immunol.</u> 22:61-69 (1988).							
	CD	Sinha, A. et al., "A Newly Characterized HLA-DQ Allele Associated with Pemphigus <i>Vulgaris</i> ", <u>Science</u> , 239:1026-1029 (1988).							
<i>TC</i>	CE	Ahmed, A.R. et al., "Major histocompatibility complex haplotype studies in Ashkenazi Jewish patients with pemphigus vulgaris", <u>Proc. Natl. Acad. Sci. (USA)</u> , 87:7658-7662 (1990).							
EXAMINER <i>Thom C. Lee</i>				DATE CONSIDERED <i>6/14/99</i>					



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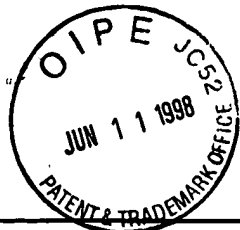
FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO.: <u>HAR-001DV</u> APPLICANT: <u>Strominger, et al.</u> SERIAL NO.: <u>08/991,628</u> FILING DATE: <u>November 5, 1997</u> GROUP: <u>1642</u>					
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OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
TC	CF	Jardetzky, T.S. et al., "Peptide binding to HLA-DR1: "a peptide with most residues substituted to alanine retains MHC binding", <u>EMBO J.</u> , 9(6):1797-1803 (1990).							
	CG	Ota, K. et al., "T-cell recognition of an immuno-dominant myelin basic protein epitope in multiple sclerosis", <u>Nature</u> , 346:183-187 (1990).							
	CH	Pette, M. et al. "Myelin autoreactivity in multiple sclerosis: Recognition of myelin basis protein in the context of HLA-DR2 products by T lymphocytes of multiple sclerosis patients and healthy donors", <u>Proc. Natl. Acad. Sci. (USA)</u> , 87:7968-7972 (1990).							
	CI	Amagai, M. et al., "Autoantibodies against a Novel Epithelial Cadherin in Pemphigus Vulgaris, a Disease of Cell Adhesion", <u>Cell</u> , 67:869-877 (1991).							
TC	CJ	Brown, L.R. et al., "Recognition of the influenza hemagglutinin by class II MHC-restricted T lymphocytes and antibodies, I. Site definition and implications for antigen presentation and T lymphocyte recognition" <u>J. Immunol.</u> , 147(8):2677-2684 (1991).							
EXAMINER <u>TL Ce</u>				DATE CONSIDERED <u>6/14/98</u>					

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FORM PTO - 1449				ATTY DOCKET NO.: HAR-001DV					
INFORMATION DISCLOSURE STATEMENT				APPLICANT: Strominger, et al.					
				SERIAL NO.: 08/991,628					
				FILING DATE: November 5, 1997 GROUP: 1642					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
TC	CK	Busch, R. et al., "Effect of natural polymorphism at residue 86 of the HLA-DR β chain on peptide binding", <u>J. Immunol.</u> , 147(4):1292:1298 (1991).							
	CL	Jardetzky, T.S. et al., "Identification of self peptides bound to purified HLA-B27", <u>Nature</u> , 353:326-329 (1991).							
	CM	Lanchbury, J & G. Panavi, "Genetics Of RA: The HLA Shared Epitope Hypothesis And Its Implications," <u>Br. J. Rheumatol</u> , 30(Suppl 2):6-9 (1991).							
	CN	O'Sullivan, D. et al., "On The Interaction Of Promiscuous Antigenic Peptides With Different Dr Alleles; Identification of common structural motifs, <u>J. Immunol</u> , 147(8):2663-2669 (1991).							
	CO	Wucherpfennig, K. et al., "T-cell recognition of myelin basic protein", <u>Immunol. Today</u> , 12(8):277-282 (1991).							
	✓ CP	Amagai, M. et al., "Autoantibodies Against the Amino-terminal Cadherin-like Binding Domain of Pemphigus Vulgaris Antigen are Pathogenic", <u>J. Clin. Invest.</u> , 90:919-926							
TC	CQ	Lehmann, P. et al., "Spreading of T-cell autoimmunity to cryptic determinants of an autoantigen, <u>Nature</u> , 358:155-157 (1992).							
EXAMINER <i>Thom C. Lee</i>				DATE CONSIDERED 6/14/99					



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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: HAR-001DVAPPLICANT: Strominger, et al.SERIAL NO.: 08/991,628FILING DATE: November 5, 1997 GROUP: 1642

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

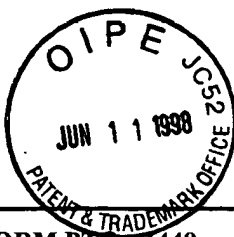
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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
RC	CR	Marsh, S. et al., "HLA class II nucleotide sequences", <u>Human Immunol.</u> , 35:1-17 (1992).						
	CS	Chicz, R. et al., "Predominant naturally processed peptides bound to HLA-DR1 are derived from MHC-related molecules and are heterogeneous in size, <u>Nature</u> , 358:764-768 (1992).						
	CT	Alexander J. et al., "Functional Consequences of Engagement of the T Cell Receptor By Low Affinity Ligands", <u>J. Immunol.</u> , 150(1):1-7 (1993)						
	CU	Brown, J.H. et al., "Three-dimensional structure of the human class II histocompatibility antigen HLA-DR1", <u>Nature</u> , 364:33-39 (1993).						
	CV	Chicz, R.M. et al., "Specificity and Promiscuity among Naturally Processed Peptides Bound to HLA-DR Alleles", <u>J. Exp. Med.</u> , 178:27-47 (1993).						
	CW	Hammer, J. et al., "Promiscuous and Allele-Specific Anchors in HLA-DR-Binding Peptides", <u>Cell</u> , 74:197-203 (1993).						
RC	CX	Kaufman, D.L., et al., "Spontaneous loss of T-cell tolerance to glutamic acid decarboxylase in murine insulin-dependent diabetes", <u>Nature</u> , 366:69-71 (1993)						
EXAMINER	Therese C. Lee				DATE CONSIDERED 6/14/99/6/27/99			

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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: HAR-001DVAPPLICANT: Strominger, et al.SERIAL NO.: 08/991,628FILING DATE: November 5, 1997 GROUP: 1642

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

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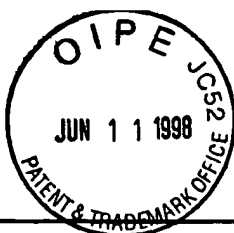
OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
TC	CY	Madden, D.R. et al., "The Antigenic Identity of Peptide-MHC Complexes: A Comparison of the Conformation of Five Viral Peptides Presented by HLA-A2", <u>Cell</u> , 75:693-708 (1993).						
	CZ	Sloan-Lancaster, J. et al., "Induction of T-cell anergy by altered T-cell-receptor ligand on live antigen-presenting cells", <u>Nature</u> , 363:156-159 (1993).						
	DA	Tisch, R., et al., "Immune response to glutamic acid decarboxylase correlates with insulinitis in non-obese diabetic mice", <u>Nature</u> , 366:72-75 (1993).						
	DB	Reay, P. et al., "Use of Global Amino Acid Replacements to Define the Requirements for MHC Binding and T cell Recognition of Moth Cytochrome c (93-103), <u>J. Immunol.</u> , 150:3946-3957 (1994).						
	DC	Rotschke, O. et al., "Origin, Structure and motifs of naturally processed MHC class II ligands", <u>Current Opinion Immunol.</u> , 6:45-51 (1994).						
	DD	Sloan-Lancaster, J. et al., "Partial T Cell Signaling: Altered Phospho- ζ and Lack of Zap70 Recruitment in APL-Induced T Cell Anergy", <u>Cell</u> , 79:913-922 (1994).						
TC	DE	Stern, L. et al., "Crystal structure of the human class II MHC protein HLA-DR1 complexed with an influenza virus peptide", <u>Nature</u> , 368:215-221 (1994).						

EXAMINER

DATE CONSIDERED

6/14/99



SHEET 6 OF 6

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: HAR-001DVAPPLICANT: Strominger, et al.SERIAL NO.: 08/991,628FILING DATE: November 5, 1997 GROUP: 1642

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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
TC	DF	Tian, J. et al., "T Cell Cross-reactivity between Coxsackie virus and Glutamate Decarboxylase Is Associated with a Murine Diabetes Susceptibility Allele", <u>J. Exp. Med.</u> , 180:1979-1984 (1994).
	DG	Vogt, A. et al., Ligand Motifs of HLA-DRB5*0101 and DRB*1501 Molecules Delineated from Self Peptides", <u>J. Immunol.</u> , 151:1665-1673 (1994).
	DH	Wucherpfennig, K. et al., "Structural Requirements for Binding of an Immunodominant Myelin Basic Protein Peptide to DR2 isotypes and for Its Recognition by Human T Cell Clones", <u>J. Exp. Med.</u> , 179:279-290 (1994).
	DI	Wucherpfennig, K. et al., "Clonal Expansion and Persistence of Human T cells Specific for an Immunodominant Myelin Basic Protein Peptide", <u>J. Immunol.</u> , 150:5581-5592 (1994).
TC	DJ	Steinman, L. "Escape from "Horror Autotoxicus": Pathogenesis and Treatment of Autoimmune Disease", <u>Cell</u> , 80(1):7-10 (1995)
EXAMINER	DATE CONSIDERED 6/14/95	

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